## PATENT COOPERATION TREATY

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

(Rationalised Report according to the Notice of the President of the EPO published in the OJ11/2001)

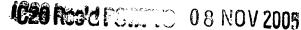
Applicant's or agent's file reference 29143-41	FOR FURTHER ACTION	See Notification	on of Transmittal of International xamination Report (Form PCT/IPEA/416	6)
International application No.	International filing date (day)	(month/year)	Priority date (day/month/year)	-
PCT/US03/41108 23/12/2003				
PCT/US03/41108 23/12/2003 09/05/2003 International Patent Classification (IPC) or national classification and IPC				
	B01D39/00			
Applicant				
OLSON, Rudolph A. III et	al.			
This international preliminary exan Authority and is transmitted to the	nination report has been prepar applicant according to Article	ed by this Interna 36.	tional Preliminary Examining	
2. This REPORT consists of a total	of sheets, including	g this cover sheet.	•	
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).				
These annexes consists of a total of	f sheets.			
3. This report contains indications relating to the following items:				
I X Basis of the report				
II Priority				
III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				
IV Lack of unity of inventi	on	-		
$V[\overline{X}]$ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
VI Certain documents cited				
VII Certain defects in the in	ternational application			1
VIII Certain observations on the international application				
				1
Date of submission of the demand	Date	of completion of	this report	
08/12/2004		08/06/20	gisches latentami.	
Name and mailing address of the IPEA/	Auth	orized officer		trop p
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Tel. (+49-89) 2399-0, Tx: 52365 Fax: (+49-89) 2399-4465	•	(+49-89) 2399 28	BUNDEL E SA DIL	Paten,
orm PCT/IPEA/409 (cover sheet) P20476 (October 2002)				
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## INTERNATIONAL PRELIMINARY **EXAMINATION REPORT**

International application No.

PCT/US03/41108



I. Basis of the report

The basis of this international preliminary examination is the application as originally filed.

٧. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability

In light of the documents cited in the international search report, it is considered that the invention as defined in the claims meets the criteria mentioned in Article 33 (1) PCT, i.e. it appears to be novel, to involve an inventive step and to be industrially applicable.